IN THE CLAIMS:

Please place the claims in the following form:

Claims 1-55. (Canceled)

56. (Currently amended) A dosage delivery unit for delivering a tooth bleaching mixture, ~~composition~~ comprising:

a multi-chambered vessel with a first chamber containing a composition including a hydrogen-peroxide-containing compound and a second chamber containing a composition including an alkaline pH adjusting agent, ~~chambers~~ wherein the contents of the chambers ~~which~~ are expelled in response to pressure applied on the vessel from an external source; and

a static mixer in communication with the chambers for accepting the contents thereof and mixing them together to form an aqueous hydrogen-peroxide-containing tooth bleaching mixture ~~composition~~ that exits the static mixer in response to the applied pressure on the vessel.

57. (Currently amended) The dosage delivery unit of claim 56 wherein the aqueous mixture further comprises a thickener ~~and an alkaline pH adjusting agent~~.

58. (Previously presented) The dosage delivery unit of claim 57 wherein the aqueous mixture has a pH of greater than 5.5.

59. (Previously presented) The dosage delivery unit of claim 57 wherein the aqueous mixture further comprises a stabilizing agent.

60. (Previously presented) The dosage delivery unit of claim 57 wherein the aqueous mixture further comprises a calcium chelating agent.

61. (Previously presented) The dosage delivery unit of claim 56 wherein the aqueous mixture includes at least 70% water by weight, based on the weight of the mixture.

62. (Previously presented) The dosage delivery unit of claim 57 wherein the alkaline pH adjusting agent is a member selected from the group consisting of alkali metal hydroxides, ammonium hydroxide, alkali metal carbonates, tris(hydroxymethyl) aminomethane, and triethanolamine.

63. (Previously presented) The dosage delivery unit of claim 59 wherein the stabilizing agent is selected from the group consisting of sodium acid pyrophosphate, sodium stannate trihydrate, and 1-hydroxyethylidene-1,1-diphosphonic acid.

64. (Previously presented) The dosage delivery unit of claim 60 wherein the calcium chelating agent is selected from the group consisting of EDTA, salts of EDTA, citric acid, salts of citric acid, gluconic acid, salts of gluconic acid, alkali metal pyrophosphates and alkali metal polyphosphates.

65. (Previously presented) The dosage delivery unit of claim 57 wherein the thickener is a high molecular weight crosslinked polyacrylic acid.

66. (Canceled)

67. (Previously presented) The dosage delivery unit of claim 57 wherein the mixture has a pH within a range of between 6.0 and 10.0.

68. (Previously presented) The dosage delivery unit of claim 57 wherein the mixture has a pH within a range of between 7.0 and 10.0.

69. (Previously presented) The dosage delivery unit of claim 57 wherein the aqueous mixture has a pH within a range of between 8.0 and 9.5.

70. (Currently amended) The dosage delivery unit of claim 56 wherein both of the chambers contain compositions ~~include formulations~~ in the form of gels ~~a gel~~ or pastes ~~paste~~.

71. (Currently amended) A dosage delivery unit for delivering a tooth bleaching composition, comprising:

a multi-chambered ~~two-chambered~~ vessel with a first ~~wherein one~~ chamber containing ~~contains~~ an anhydrous gel including a hydrogen peroxide precursor and a second ~~the other~~ chamber containing ~~contains~~ an aqueous gel, wherein the contents of the chambers are ~~anhydrous gel and aqueous gel being~~ expelled ~~from the chambers~~ in response to pressure applied on the ~~said~~ vessel from an external source; and

a static mixer in communication with the chambers for accepting the anhydrous gel and the aqueous gel and mixing them together to form an aqueous gel comprising a hydrogen-peroxide-containing tooth bleaching composition that exits the static mixer in response to the applied pressure on the vessel.

72. (Previously presented) The dosage delivery unit of claim 71 wherein the hydrogen peroxide precursor is sodium percarbonate.

73. (Previously presented) The dosage delivery unit of claim 71 wherein:

the anhydrous gel includes an anhydrous carrier, a hydrogen peroxide precursor, and a thickening agent; and

the aqueous gel includes water, a chelating agent, a thickening agent, and a pH adjusting agent.

74. (Previously presented) The dosage delivery unit of claim 73 wherein the anhydrous carrier is polyethylene glycol and the hydrogen peroxide precursor is sodium percarbonate.

75. (Previously presented) The dosage delivery unit of claim 73 wherein the chelating agent is selected from the group consisting of EDTA, salts of EDTA, citric acid, salts of citric acid, gluconic acid, salts of gluconic acid, alkali metal pyrophosphates and alkali metal polyphosphates, and the pH adjusting agent is selected from the group consisting of alkali metal hydroxides, ammonium hydroxide, alkali metal carbonates, tris(hydroxymethyl) aminomethane, and triethanolamine.

76. (New) The dosage delivery unit of claim 56 wherein the hydrogen-peroxide-containing compound is sodium percarbonate.

77. (New) The dosage delivery unit of claim 76 wherein the second chamber contains water.